



SN-US015180A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Tatsuya KAWAKAMI :
Serial No.: 10/671,636 :
Filed: September 29, 2003 :
For: BICYCLE SHIFT OPERATING DEVICE :
FOR BICYCLE TRANSMISSION :

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the attached references to the Examiner's attention and requests that they be considered and made of record in this application. Also attached is a completed PTO-1449 form. *No fee is believed to be due for this Information Disclosure Statement.* However, if a first Office Action on the merits was mailed before the filing date of this Information Disclosure Statement, the Commissioner is authorized to charge the fee set forth in 37 CFR § 1.17(p) to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

Japanese Patent Publication No. 54-27147 discloses a shifting device for a rear derailleur. The device has an operating lever 4 mounted on a pivot axis that is different from the cable winding reel 5.

Japanese Patent Publication No. 54-149149 discloses a shifting device having a shift lever with amplifying movement of the winding length.

Japanese Patent Publication No. 62-238189 discloses a shifting device with a shifting lever that is mounted on a different rotational axis from the cable winding reel.

Japanese Patent Publication No. 5-82786 discloses a shifting device having a shifting lever 5 that is mounted on a pivot axis Y that is different from the cable winding axis Z.

Japanese Patent Publication No. 8-230759 discloses a speed change device 10. An operation part 12c of a speed change lever 12 is operated so as to be moved along a handlebar 1. An English abstract is provided to better understand this reference.

Japanese Patent Publication No. 3188172 discloses a shifting device that utilizes a four bar linkage mechanism for pulling cable 8. An English abstract is provided to better understand this reference.

German Patent Publication No. DE 37 06 545 discloses a hand lever device that utilizes a parallelogram-type suspension mechanism for pulling a cable. An English abstract is provided to better understand this reference.

* * *

Prompt examination on the merits is respectfully requested.

Respectfully submitted,



Patrick A. Hilsmier
Reg. No. 46,034

SHINJYU GLOBAL IP COUNSELORS, LLP
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Dated: October 14, 2003

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/671,636
Filing Date	09/29/03
First Named Inventor	Tatsuya KAWAKAMI
Group Art Unit	
Examiner Name	
Attorney Docket Number	SN-US015180A

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY
		Number	Kind Code (if known)		
		2770980		Millward	11-1956
		3220281		Irgens	11-1965
		3633437		Ishida	01-1972
		4900291		Patterson	02-1990
		5094120	A	Tagawa	03-1992
		5213005	A	Nagano	05-1993
		5222412	A	Nagano	06-1993
		5361645	A	Feng et al.	11-1994
		5673594	A	Huang et al.	10-1997
		5701786	A	Kawakami	12-1997
		5730030	A	Masui	03-1998
		5755139	A	Kojima	05-1998
		5775168	A	Furuta	07-1998
		5799542	A	Yamane	09-1998
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		5848555	A	Watarai	12-1998
		5941125	A	Watarai et al.	08-1999
		5957002	A	Ueng	09-1999
		6067875	A	Ritchey et al.	05-2000
		6155132	A	Yamane	12-2000

FOREIGN PATENT DOCUMENTS

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[illegible]

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